

<b>ORDER FOR SUPPLIES OR SERVICES</b>										PAGE 1 OF 17	
1 CONTRACT/PURCH ORDER/ AGREEMENT NO <b>N65540-15-D-0004</b>			2 DELIVERY ORDER/CALL NO <b>0007</b>		3 DATE OF ORDER/CALL (YYYYMMDD) <b>2016 Feb 11</b>		4 REQ / PURCH REQUEST NO <b>1300544210</b>		5 PRIORITY		
6 ISSUED BY NAVAL SURFACE WARFARE CENTER PHILA <b>(b) (6)</b>  5001 SOUTH BROAD STREET PHILADELPHIA PA 19112			CODE <b>N64498</b>		7 ADMINISTERED BY (if other than 6) DCMA PHILADELPHIA 700 ROBBINS AVENUE, BLDG. 4-A, P.O. BOX 11427 PHILADELPHIA PA 19111-0427			CODE <b>S3915A</b>		8 DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER  (See Schedule if other)	
9 CONTRACTOR  DELPHINUS ENGINEERING INCORPORATED NAME BOB BLENNER AND 1510 CHESTER PIKE STE 380 ADDRESS EDDYSTONE PA 19022-1375			CODE <b>08LQ0</b>		FACILITY		10 DELIVER TO FOB POINT BY (Date) (YYYYMMDD) <b>SEE SCHEDULE</b>		11 MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
							12 DISCOUNT TERMS		13 MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15		
14 SHIP TO NSWC CARDEROCK DIVISION, PHILADELPHIA <b>(b) (6)</b> 1601 LANGLEY AVENUE, <b>(b) (6)</b> PHILADELPHIA PA 19112			CODE <b>N65540</b>		15 PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER, NORTH ENTITLEMENT P.O. BOX 182317 COLUMBUS OH 43218-2317			CODE <b>HQ0337</b>		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.	
16 TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/>		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract					
		PURCHASE		<input type="checkbox"/>		Reference your quote dated Furnish the following on terms specified herein REF:					
ACCEPTANCE THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME											
NAME OF CONTRACTOR				SIGNATURE				TYPED NAME AND TITLE		DATE SIGNED (YYYYMMDD)	
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:											
17 ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE  <b>See Schedule</b>											
18 ITEM NO		19 SCHEDULE OF SUPPLIES/ SERVICES				20 QUANTITY ORDERED/ ACCEPTED*		21 UNIT		22 UNIT PRICE	
										23 AMOUNT	
<b>SEE SCHEDULE</b>											
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.						24. UNITED STATES OF AMERICA TEL: <b>(b) (6)</b> EMAIL: <b>(b) (6)</b> BY: John P. Stefano		<b>(b) (6)</b>		25 TOTAL <b>\$4,443,578.68</b>	
27a QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED						CONTRACTING / ORDERING OFFICER		26 DIFFERENCES			
b SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c DATE (YYYYMMDD)		d PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28 SHIP NO		29 DO VOUCHER NO		30 INITIALS	
f TELEPHONE NUMBER		g E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32 PAID BY		33 AMOUNT VERIFIED CORRECT FOR	
36. I certify this account is correct and proper for payment.						31 PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34 CHECK NUMBER	
a DATE (YYYYMMDD)		b SIGNATURE AND TITLE OF CERTIFYING OFFICER								35 BILL OF LADING NO	
37 RECEIVED AT		38 RECEIVED BY		39 DATE RECEIVED (YYYYMMDD)		40 TOTAL CONTAINERS		41 S/R ACCOUNT NO		42 S/R VOUCHER NO	

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	Engineering and Technical Services CPFF FOB: Destination		Lot		(b) (4)
ESTIMATED COST FIXED FEE					
TOTAL EST COST + FEE					(b) (4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000201	Funding for CLIN 0002 CPFF FOB: Destination PURCHASE REQUEST NUMBER: 1300544210				(b) (4)
ESTIMATED COST FIXED FEE					
TOTAL EST COST + FEE					(b)
ACRN AA CIN: 130054421000001					(b) (4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Support Costs COST FOB: Destination		Lot		(b) (4)
ESTIMATED COST					(b) (4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000401	Funding for CLIN 0004 COST FOB: Destination PURCHASE REQUEST NUMBER: 1300544210				(b) (4)
	ACRN AA CIN: 130054421000002			ESTIMATED COST	(b) (4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005	Technical Data CDRLs FOB: Destination FFP	1	Lot		(b)
				NET AMT	_____

**CONTRACT NO. N65540-15-D-0004**  
**INSTALLATION OF PCMS TILE ON (b) (2) (CVN (b) )**  
**STATEMENT OF WORK**

**1.0 BACKGROUND**

- 1.1 Passive Countermeasures System (PCMS) is a ship survivability improvement package currently installed on DDG (b) , LPD (b) , and CG (b) class ships. The system is comprised of thousands of nominally thin, flexible tiles that are installed to cover many vertical surfaces. Ship Change Document (SCD) 12823 extends this system to CVN class ships. The Naval Surface Warfare Center Philadelphia Division (NSWCPD) Code 218, sponsored by the PMS 312 In-Service Aircraft Carrier Program Manager, requires that SCD 12823 be installed on (b) (2) (b) (2) (CVN (b) ).

**2.0 SCOPE**

- 2.1 The contractor shall provide technical installation services to complete the installation of SCD 12823 on (b) (2) (CVN (b) ). The location for installation services is Naval Air Station North Island, San Diego, California.
- 2.2 The contractor shall accomplish the PCMS tile installation during (b) (2) FY16 Planned Incremental Availability (PIA) period starting April 2016. The contractor shall plan to accomplish the surface preparation, installation, and sealing of approximately 30,000 square feet of PCMS tile on various locations of the ship's exterior surface including the island, fantail and port and starboard catwalks, detailed specifically in Ref. 3.7, 3.8, and 3.9. PCMS tile installation requires that the contractor first blast the surface to receive tile to SP-10 then apply MIL-PRF-23236 Type VII followed by the installation and sealing of the tile. The Lead Maintenance Activity will be providing support services to the contractor as detailed in Para. 2.6.
- 2.3 Prior to start of installation, the contractor shall attend and participate in the NAVSEA PCMS Installation Training provided by NAVSEA 05P1 through the PCMS In-Service Engineering Agent (PCMS ISEA). This training will be held at the contractor's facility at a time to be determined after delivery order award. The training course will cover all requirements for PCMS installation, handling, and disposal. The training course's duration will be one (1) day. This training is mandatory for all members of the installation team except those who have taken PCMS Material Type 3R SLT3 training within the past two (2) years. .
- 2.4 Prior to applying and installing PCMS tile, the contractor shall accomplish surface preparation on all surfaces that receive PCMS tile. Surface preparation shall extend no less than one foot beyond any intended tile area. The type of surface preparation required will depend on the surface material and will be in accordance with the applicable NAVSEA STANDARD ITEM. Further requirements are identified in Para 4.7.

- 2.5 During surface preparation and PCMS tile installation, the contractor shall ensure that environmental requirements are met. All equipment needed to maintain the requirements shall be provided by the contractor. The specific tables of environmental requirements is identified in Para 4.4.
- 2.6 The availability Lead Maintenance Activity (LMA) is responsible for providing PCMS support items such as scaffolding, encapsulation, temporary services, and CONEX boxes. The contractor shall be responsible for coordinating with the LMA to ensure that all support requirements are arranged and in place in order to facilitate PCMS tile installation without delay or disruption. The LMA will provide:
  - 2.6.1 Scaffolding in appropriate areas.
  - 2.6.2 Encapsulation to protect the work surfaces from weather elements and lighting within the encapsulation.
  - 2.6.3 Temporary services to the scaffolded areas such as appropriate power supply for the contractor to maintain environmental requirements.
  - 2.6.4 Temporary services to the work areas to support surface preparation and tile installation equipment.
  - 2.6.5 CONEX Boxes and lay down work area including 2ea - 40' climate controlled refrigerated containers to store NOFORN PCMS tile; 1ea - 40' container for AIT daily work use and consumables storage; 1ea - 40' office trailer
  - 2.6.6 Labor to retain, replace and modify label plates and hull markings IWO PCMS. The contractor may be required to conduct a joint ship check with LMA to identify label plates and hull markings IWO PCMS tile application area.
  - 2.6.7 Labor and material to install island and radar tower sheathing and exhaust vent screens in support of PCMS.
- 2.7 The contractor shall provide all material, tools, and equipment relative to the surface preparation and installation of PCMS. That is not inclusive of the PCMS tile and tile sealant, however, which will be procured by the government. Specifically, the contractor shall:
  - 2.7.1 Procure and apply fairing compound to all weld seams and surface discontinuities that are to be covered with PCMS.
  - 2.7.2 Procure and apply caulking to the perimeter of all sections of installed PCMS tile.
  - 2.7.3 Procure and apply sealant as a stripe coat where all PCMS tile seams abut, applied in precise thicknesses.
  - 2.7.4 Provide heaters, dehumidifiers, fans, and other equipment needed to maintain environmental requirements and provide in quantities that will support several surface prep and tile installation operations concurrently in multiple locations.
  - 2.7.5 Provide blasting and painting equipment and material to complete surface preparation in accordance with applicable NAVSEA STANDARD ITEM.
  - 2.7.6 Procure and provide consumables necessary for surface preparation and PCMS tile installation.

- 2.8 PCMS tile and tile sealant is government furnished material whose delivery to NAS North Island shall be facilitated by the contractor. Specific transportation requirements are identified in Para 4.17.
- 2.9 The contractor shall accept, handle and dispose of PCMS tile in accordance with the provided PCMS Installation Training and in the presence and concurrence of the on-site PCMS ISEA who will be present throughout the entire installation.

### **3.0 APPLICABLE DOCUMENTS**

- 3.1 NAVSEA S9AA0-AB-GOS-010/GS0, General Specifications for Overhaul of Surface Ships
- 3.2 NAVSEA STANDARD ITEMS
- 3.3 OPNAV Instruction 5100.23G Navy Occupational Safety and Health (NAVOSH) Program Manual
- 3.4 NAVSEA TS9090-310G Alterations to Ships Accomplished by Alteration Installation Teams
- 3.5 NAVSSES Instruction 4720.2F Process and Policy for Managing Shipboard Industrial Work Performed by Alteration Installation Teams
- 3.6 Ship Change Document 12823
- 3.7 NAVSEA PCMS RIM SLT3-05P1-15.1, Passive Countermeasures System (PCMS) Installation and Repair Methods for PCMS Material Type 3R SLT3
- 3.8 NAVSEA DWG NO 404-8503492 Key Plans for CVN Class Passive Countermeasures Installation Details
- 3.9 NAVSEA DWG NO 404-8503486 CVN Class Baseline Configuration Installation Details Special Coating Materials

### **4.0 REQUIREMENTS**

- 4.1 Prior to the start of work, the contractor shall review all SCD 12823 Ship Installation Drawings (SIDs) and the PCMS Repair/Installation Manual (RIM), in order to gain a complete understanding of all surface locations to be affected by PCMS and the procedure for surface preparation, preparing, and installing PCMS in those locations. SIDs and the PCMS RIM are included in the RFQ and are Ref. 3.7, 3.8, 3.9.
- 4.2 In accomplishing this work, the contractor shall:
  - 4.2.1 Ensure compliance with all safety regulations, including obeying and providing for the local personal protection equipment (PPE) requirements (hardhats with chin straps, steel toed safety shoes, safety eye wear, and hearing protection) per local requirements.
  - 4.2.2 Conform to shipboard routine with regard to cleanliness, personnel conduct, and the ship's security and integrity.
  - 4.2.3 Maintain a daily work schedule that is accessible and coordinate all work with Ship's Force, SWRMC, and NAVSEA personnel.
  - 4.2.4 Attend all on-site daily meetings between SWRMC, Ship's Force, On-Site Installation Coordinator (OSIC), and NAVSEA.
  - 4.2.5 Meet requirements of Ref. 3.2, NAVSEA STANDARD ITEMS at all times.
- 4.3 The contractor shall supply a team that will meet the following requirements:
  - 4.3.1 Be a U.S. Citizen.
  - 4.3.2 Have no criminal record.

- 4.3.3 Be proficient in the English language.
- 4.3.4 Have a minimum of one (1) year shipboard experience.
- 4.3.5 Have a minimum of six (6) months experience working with PCMS tile; however, a current PCMS installation certificate is not required.
- 4.3.6 Have the ability to successfully complete the NAVSEA PCMS Installation Training as stated in Para 2.3.
- 4.3.7 Have the ability to climb on scaffolding to perform high hat and mast work.
- 4.3.8 Have the ability to read PCMS Ship Installation Drawings (SIDs).
- 4.3.9 Be equipped with standard and local shipyard PPE equipment.
- 4.4 The contractor is responsible for ensuring that environmental requirements are met at all stages of surface preparation, PCMS tile preparation, and PCMS tile installation. Table 1 below outlines the critical environmental requirements that must be kept throughout the course of the installation, which includes preparation and cure times. The contractor must work with the LMA, who is responsible for providing and maintaining the scaffolding and encapsulation, to ensure that the scaffolding and encapsulation is properly set up and maintained in order to support the environmental requirements.

**TABLE 1.**

Environmental Requirements for PCMS Tile Storage, Preparation and Installation

<b>PROCESS</b>	<b>TEMPERATURES</b>	<b>NOTES</b>
Material Storage	40°F - 90°F Ambient	1
Primer Application	50°F - 90°F Surface	2,3
Fairing	50°F - 90°F Surface	2,3
Tile application	50°F - 90°F Surface	2,4
Caulking	50°F - 90°F Surface	2,4
Sealing	50°F - 90°F Surface	2,4

Note 1 - Temps must be maintained IAW NAVSEA PHS&T 05P1-SLT3-05P1-15.1

Note 2 - Bonding surfaces shall be dry and have a temperature of 3°F above the local dew point for adhesives and 5°F for paints.

Note 3 - Temps must be maintained until material has cured or dried in accordance with manufacturers recommendations.

Note 4 – Temps must be maintained until material has cured or dried in accordance with NAVSEA PCMS RIM SLT3-05P1-15.1 for CVN SCD 12823.

- 4.5 Prior to initiating surface preparation operations, the contractor shall remove surface discontinuities in way of PCMS. The contractor shall coordinate with Ships Force to identify old brackets, weld joints and other discontinuities that are

in way of PCMS tile application area. Hot work will be required to remove some surface discontinuities so the contractor must ensure that all hot work requirements are satisfied

- 4.6 Prior to initiating surface preparation operations, the contractor shall remove mud, oil, grease, scale and/or residual water/cargo from the surfaces where blasting will occur. In some cases, special treatment for removal soluble salts after initial washing will be required.
- 4.7 The contractor shall provide trade personnel to accomplish surface preparation detailed below and in Ref. 3.7. All surfaces to receive PCMS tile shall be prepared in this manner, extending to a distance of not less than one foot beyond the intended tile area wherever practicable. Where physical boundaries such as overhead, deck and catwalk grating exist, the AIT shall prepare the surface up to the boundary intersection. Where the manufactures guidance differs from the Navy Standard Item, the difference shall be referred to the OSIC or AIT Manager for adjudication. Blasting of substrate shall not occur in areas adjacent to where PCMS tile installation activity is occurring. Blasting in adjacent areas while performing PCMS tile installation will jeopardize the integrity of the PCMS tile. The following are specific preparation requirements depending on surface material.
  - 4.7.1 Steel: Prepare and preserve the substrate in accordance with NAVSEA STANDARD ITEM 009-32 FY-14 (CH-1) TABLE 2 LINE 2 COLUMNS A-C. A stripe coat shall be applied. Substrate should be prepared about one foot beyond where PCMS tile will be installed. MIL-PRF 24635 Type 5 or 6 polysiloxane shall be applied prior to PCMS installation on the one foot perimeter where surface was prepared. MIL-PRF 24635 Type 5 or 6 polysiloxane shall also be applied on the required cut back areas of 1 ½” from cutouts, exposed edges, high wear areas and label plates and 2” from the deck as detailed in the PCMS RIM Section C.5.2. Adequate time shall be allotted in the sequencing and planning such that the substrate is fully cured prior to the PCMS tile installation. Government QA is required to conduct visual inspection at points during SP10 and MIL-PRF-23236 Type VII application. Note: Single Coat system may be used.
  - 4.7.2 Aluminum: Prepare and preserve the substrate in accordance with NAVSEA STANDARD ITEM 009-32 FY14 (CH-1) TABLE 2 LINE 26. A stripe coat shall be applied. Government QA is required to conduct visual inspection at points during SP10 and MIL-PRF-23236 Type VII application.
  - 4.7.3 Non-Metallic: Prepare the substrate in accordance with NAVSEA STANDARD ITEM 009-32 FY 14(CH-1) TABLE 2 LINE 43 COLUMN A only. No primer is required prior to installing PCMS tile. If primer is required in areas that were prepared and not covered by PCMS then COLUMNS B-G may be applicable only after PCMS has been installed and fully cured.
- 4.8 The surface preparation team shall provide, at a minimum, two teams of personnel and equipment to simultaneously accomplish blasting operations in two zones that



are not adjacent or collocated, e.g. forward port catwalk and fantail. Similarly, two teams of personnel and equipment shall be provided to accomplish painting operations in two independent zones.

- 4.9 The surface preparation team shall obtain all blasting and painting equipment and consumables and deliver to the jobsite at least fourteen (14) days prior to the start of work.
- 4.10 The surface preparation team shall be responsible for wrapping, blanking/hard blanking, and generally protecting cables, doors, windows, penetrations, and any other non-removable item that will not receive surface preparation but is in and around the areas where surface preparation will occur. This includes the installation of protective materials to prevent damage of new and existing non-skid surfaces on the island and various catwalk areas in order to prevent damage to nonskid during the blast process.
- 4.11 The contractor shall provide trade personnel to accomplish PCMS tile installation detailed below and in Ref. 3.7.
- 4.12 The PCMS tile installation team will be responsible for weld fairing. Weld seams and surface discontinuities that are to be covered with PCMS tile must be treated to provide a surface profile of an 8:1 taper in order to provide a suitable surface for tile adhesion. This is accomplished by filling and tapering the seam using fairing compound to be procured and provided by the contractor.
- 4.13 The PCMS tile installation team shall apply PCMS tile sealant as a stripe coat in specific thicknesses. The contractor shall paint a 2" wide stripe coat of sealant with a foam roller where all seams abut and on the edges of tile over the caulking. Stripe coat shall be no thicker than 4-6 mils DFT. The sealant shall be Enecon Eneseal HF, Navy Haze Gray, and shall be provided by the government. The GFM PCMS tiles will be shipped from the manufacturer with a 6 mils DFT coat already applied; therefore the contractor shall only apply sealant to the tile seams and edges. The contractor shall ensure that quality assurance measures are implemented to meet those thickness criteria and captured in the onsite QA workbook, detailed in Para 4.19. Additionally, paint thickness shall be subject to verification and sign-off by a government representative before completion of a tiled area.
- 4.14 In advance of surface preparation, the contractor shall be responsible for identifying blast boundaries and PCMS tile installation boundaries. The boundaries shall be identified during walkthroughs attended by at least one designated representative from the PCMS tile installation team and the surface preparation team. The designed representatives shall be knowledgeable on their respective team's taskings and shall be capable of reading and interpreting the PCMS SIDs.
- 4.15 The contractor shall provide services to process and remediate any HAZMAT, controlled blast media, and paint waste produced by the surface preparation or PCMS installation process.
- 4.16 The contractor shall procure all consumable tools and material to support the surface preparation and installation of PCMS tile. Specific material required for purchase is detailed in Para 8.0. Quantity and type of consumable shall be detailed in the contractor's proposal response to this RFQ.

- 4.17 The contractor shall provide two (2) U.S. Citizens and a fully enclosed transportation vehicle with a lock to move GFM from a local San Diego warehouse within 15 miles of North Island (address will be provided when appropriate) to the ship. Where material is NOFORN, drivers shall be US Citizen and shall directly move material from warehouse to the CONEX box on the flight deck. No stops are authorized when transporting material. Material is packaged on pallets and cannot be stacked.
- 4.18 The contractor shall prepare a detailed Microsoft Project installation milestone schedule (POA&M) fifteen (15) days after delivery order award. The POA&M will be based around inputs from NSWCPD, SWRMC, and the LMA. Due to the tile installation being dependent on the surface preparation and staging provided by the LMA, this POA&M will be closely coordinated with SWRMC, the LMA, and NAVSEA. The contractor shall provide an employee knowledgeable in MS Project to update this POA&M on a weekly basis in order to provide a schedule update to the LMA. The updated POA&M shall be submitted to NSWCPD weekly. (CDRL A001)
- 4.19 Using Item No. 009-04 of Ref. 3.2, Section 3.12 of Ref. 3.4, and Appendix B of Ref. 3.5, the contractor shall develop a QA Workbook to be maintained and updated on-site. This workbook shall be used to keep and in-process record of Quality Control Inspections and be provided to NSWCPD for review forty (40) days prior to the start of the availability. A completed copy of the QA Workbook shall be provided to NSWCPD within two (2) weeks after completion of the installation. (CRDL A002)
- 4.20 The contractor shall supply a daily Work Status Report that will be used to communicate work accomplished, delays or disruptions, design changes, work scheduled for the next day, and any other relevant information. The Work Status Report shall be provided to the OSIC and NSWCPD by COB each day. (CDRL A003)
- 4.21 The contractor shall develop a Microsoft Access/Excel Work Completion Tracking Sheet used to track what ship zones have been scaffolded/encapsulated, set up, blasted, painted, and tiled. The database shall be laid out according to each ship surface section and will track surface completion percentages. This tracking database shall be submitted to NSWCPD at least two (2) weeks prior to the start of the availability for review and submitted weekly with an updated status once the installation has started. (CDRL A004)
- 4.22 The contractor shall generate a financial status report of delivery order funding to be maintained and updated monthly. All identified disconnects between work completion and funds expended percentages shall be addressed. The first report shall be delivered to NSWCPD thirty (30) days after the delivery order award and updated and submitted monthly thereafter. (CDRL A005)

## **5.0 DELIVERABLES/SCHEDULE**

- 5.1 A detailed Installation Milestone Schedule (POA&M) shall be submitted within fifteen (15) days after delivery order award. The POA&M shall be revised on-site weekly and a copy submitted to NSWCPD weekly. (Para. 4.18 CDRL A003)
- 5.2 A Quality Assurance (QA) Workbook shall be assembled by the contractor as per No. 009-04 of Ref. 3.2, Section 3.12 of Ref. 3.4, and Appendix B of Ref. 3.5, and

maintained on-site. This QA Workbook shall be delivered to NSWCPD forty (40) days prior to the start of the availability for review and within two (2) weeks of installation completion. (Para. 4.19 CDRL A004)

5.3 A daily Work Status Report shall be provided to the OSIC and NSWCPD daily. (Para 4.20)

5.4 The contractor shall develop and submit a Work Completion Tracking Sheet to NSWCPD at least two (2) weeks prior to the start of the availability and updated weekly once the installation has begun. (Para 4.21 CDRL A007)

5.5 The contractor shall submit a financial status report thirty to NSWCPD (30) days after the delivery order award and monthly thereafter. (Para 4.22 CDRL A005)

## **6.0 SCHEDULE**

6.1 The installation shall take place during (b) (2) FY16 Planned Incremental Availability (PIA) period starting April 2016. The installation preparation shall commence immediately upon delivery order award. Installation schedule will be determined by inputs from SWRMC, the LMA, and NSWCPD. The contractor PCMS tile installation team shall work ten (10) hours a day, six (6) days a week with an extended schedule authorized upon NSWCPD concurrence. The NAVSEA PCMS Installation Training will be scheduled based on inputs from NAVSEA and the contractor after the delivery order award.

## **7.0 GOVERNMENT FURNISHED INFORMATION/MATERIAL**

7.1 All PCMS tile and Enecon Eneseal HF will be furnished by the government. GFM delivery to NAS North Island is detailed in Para 4.17. On-site storage shall be provided by the LMA.

## **8.0 CONTRACTOR FURNISHED MATERIAL**

8.1 The contractor shall supply all required PPE for the duration of the installation.

8.2 The contractor shall supply all consumable tools, equipment, and material needed to execute the surface preparation and installation. Consumable items that must be specifically procured are as follows:

8.2.1 Pro line Magic Surfacers Fairing Compound 2 Gallon Kits (Pro Line Paint, 2640 Main St San Diego, CA, 92113)

8.2.2 Bio-Chem Hi-Solve 134 Degreaser

8.2.3 BASF Dega Seal 22 Urethane Adhesive Caulking in ALUMINUM GRAY

8.2.4 Foam Filler Door Kits: P/N R10-3273 from Seal Science, Inc., 17131 Daimler Street, Irvine, CA, 92614

## **9.0 TRAVEL**

9.1 Travel to San Diego, CA, is authorized upon approval by NSWCPD.

## **10.0 CLASSIFIED MATERIAL**

10.1 PCMS tile is unclassified but NORFON material. Release to USA citizens only.

## **11.0 PERIOD OF PERFORMANCE**

11.1 From Date of Award through 30 September 2017.

## **12.0 PLACES OF PERFORMANCE**

12.1 The installation will take place in Naval Air Station North Island, San Diego, California. The NAVSEA PCMS Installation Training will be held at the contractor's facility.

## **13.0 OVERTIME**

13.1 Overtime is authorized upon NSWCPD concurrence.

**14.0 CONTRACTOR PERSONNEL IDENTIFICATION**

14.1 In the performance of this contract, contractor employees shall identify themselves as contractor personnel by introducing themselves or being introduced as contractor personnel and by displaying distinguishing badges or other visible identification for meetings with government personnel. Contractor personnel shall appropriately identify themselves as contractor employees in telephone conversations and formal and informal written correspondence.

**15.0 CONTRACTING OFFICER REPRESENTATIVE (COR)**

15.1 The COR for this delivery order is Mr. (b) (6) NSWCPD (b) (6)  
Philadelphia, PA (b) (6)

**16.0 SUBJECT MATTER EXPERT**

16.1 The SME for the delivery order is Mr. (b) (6) , NSWCPD (b) (6) ,  
Philadelphia, PA (b) (6)



## Section E - Inspection and Acceptance

## INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0002	Destination	Government	Destination	Government
000201	Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government
000401	Destination	Government	Destination	Government
0005	Destination	Government	Destination	Government

## Section F - Deliveries or Performance

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC
0002	POP 11-FEB-2016 TO 30-SEP-2017	N/A	NSWC CARDEROCK DIVISION, PHILADELPHIA (b) (6) 1601 LANGLEY AVENUE, (b) (6) PHILADELPHIA PA 19112 FOB: Destination	N64498
0004	POP 11-FEB-2016 TO 30-SEP-2017	N/A	NSWC CARDEROCK DIVISION, PHILADELPHIA (b) (6) 1601 LANGLEY AVENUE, (b) (6) PHILADELPHIA PA 19112 FOB: Destination	N64498
0005	POP 11-FEB-2016 TO 30-SEP-2017	N/A	NSWC CARDEROCK DIVISION, PHILADELPHIA (b) (6) 1601 LANGLEY AVENUE, (b) (6) PHILADELPHIA PA 19112 FOB: Destination	N64498

## Section G - Contract Administration Data

## ACCOUNTING AND APPROPRIATION DATA

AA: 1751810 61LT 251 CV312 0 050120 2D 000000

COST CODE: A00003231324

AMOUNT: (b) (4)

CIN 130054421000001: (b) (4)

CIN 130054421000002:

INCREMENTAL FUNDING

The purpose of this modification is to provide incremental funding in the amount of (b) (4). As a result, the total amount of funding obligated and available for payment under this order is (b) (4). It is estimated that the funding under this order will cover the cost of performance through 30 September 2016. In accordance with contract clause 52.232-22, Limitation of Funds, the Government is not obligated to reimburse the contractor for any costs incurred in excess of (b) (4) unless additional funds are made available and obligated under this order in a subsequent modification. The total unfunded balance remaining is (b) (4) based on the total contract value.



Section J - List of Documents, Exhibits and Other Attachments

ATTACHMENTS

1. The CDRLS will be emailed to the contractor and posted in EDA.
2. The drawings will be accessible in the AMRDEC system, which, the contractor has already been given access to.